

# **INSTRUCTION MANUAL**

## **MODEL 132**

FIBER OPTICS/LENSE/FILTER  
ADAPTOR ASSEMBLY

**McPHERSON™**

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530 Main Street  
Acton, Massachusetts 01720  
508-263-7733 / 1-800-255-1055  
FAX: 508-263-1458 / Telex: 928435

## **MODEL 132 FIBER OPTIC ACCESSORY**

The Model 132 Fiber Optic Accessory permits to couple a fiber optic conduit an entrance or exit slit assembly. The Model 132 Fiber Optic Accessory pictured below contains a lens assembly which has been factory preset to match the f/No. or aperture ratio of the instrument it was supplied with. The Model 132 also provides a slide out tray accommodating a filter which can be either one inch square or one inch in diameter.

### **FIBER ILLUMINATION**

The quartz lens assembly can be moved towards or away from the entrance/exit slit by loosening the knurled thumb screw (A) on the top center portion of the Model 132 main assembly. The lens assembly should be adjusted to provide maximum illumination of the fiber. When checking fiber illumination another adjustment can be made at the face of the adapter where two additional knurled thumb screws (B) attach the face of the fiber adapter to the main fiber adapter assembly. The fiber should be roughly centered to provide maximum illumination however a slight off-center position may be required.

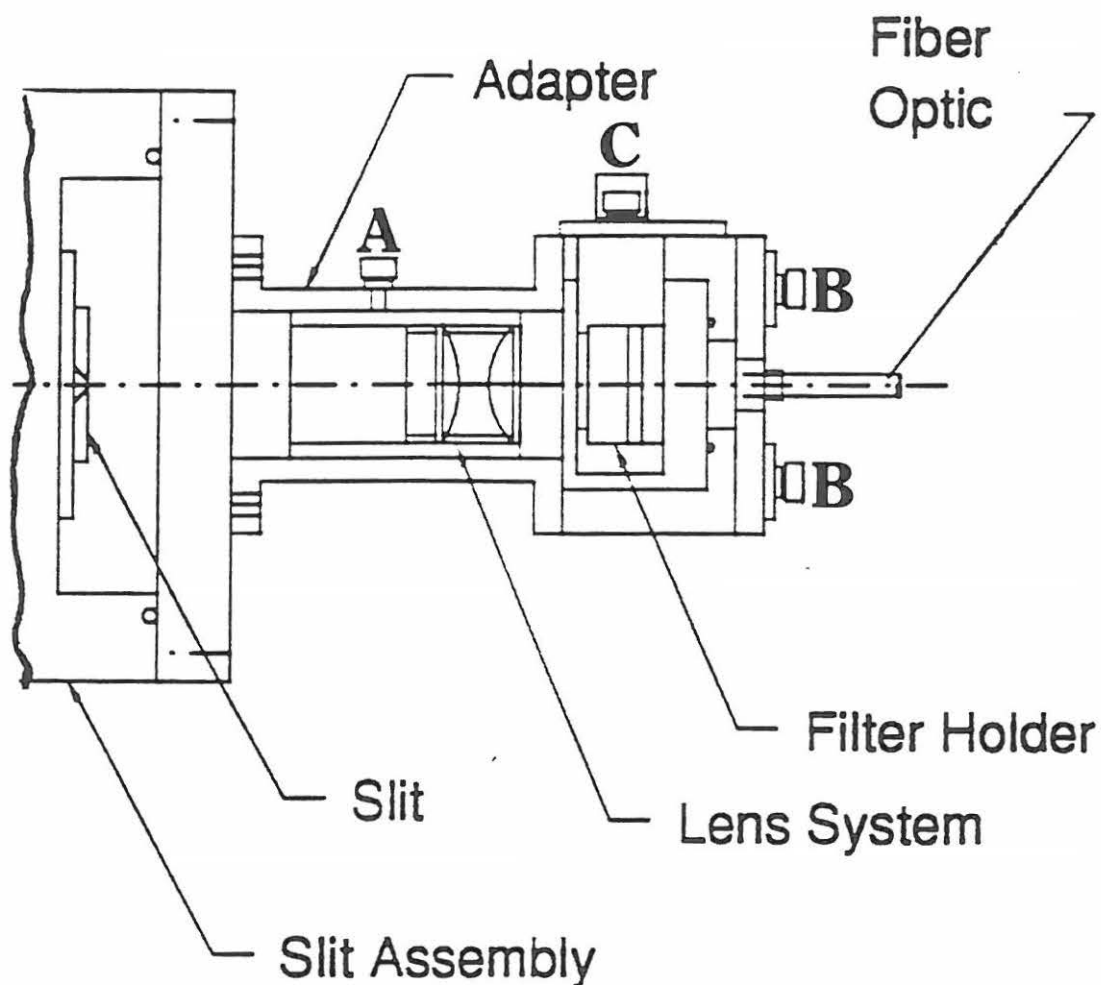
### **FILTER INSERTION**

The Model 132 accepts both 1" diameter and 1" square filters. The filters are inserted into a sliding tray by loosening the thumb screws at (C) and sliding the tray out. Filters are retained by a split ring.

### **WARNING:**

**THE MODEL 132 FIBER OPTIC ASSEMBLY MAY EMIT ULTRA VIOLET RADIATION WHICH IS KNOWN TO BE HARMFUL. ULTRA VIOLET RADIATION WILL CAUSE IMMEDIATE DAMAGE TO THE EYES IF VIEWED DIRECTLY.**

## **MODEL 132**



**figure 1**

## **McPHERSON**

### **GOLD LINE**

## **CERTIFICATION**

**S.I. McPherson** certifies that its products are thoroughly tested and inspected and meet specifications published as furnished by the company when shipped from the factory.

## **WARRANTY AND ASSISTANCE**

**McPherson** products are warranted to be at date of delivery free from defects in material and workmanship and conform to the specifications furnished by the company. The company's obligation under this warranty is limited to servicing or adjusting an instrument returned to the factory, prepaid, and to repairing or replacing at the factory any part or parts thereof. All items manufactured by **McPherson** carry a warranty of one year on the above terms. All purchased items carry the original manufacturer's guarantee.

**McPherson** shall not be liable for consequential damages resulting from accidents, alterations, misuse, improper installation, improper training, improper qualified personnel, operation on low or excessive voltages, or any use in violation of the operating instructions furnished by the company.

If any defect appears upon receipt, the purchaser shall promptly notify the company. No material will be accepted for repair or replacement without prior authorization from the company. Upon such authorization and in accordance with instructions of the company, parts, materials or equipment for which repair or replacement is requested shall be returned to the company for examination, with shipping charges prepaid by the purchaser. Final determination as to whether a product or part is actually defective rests with the company.

An estimate of repair charges will be submitted to the purchaser before servicing the equipment.

The company reserves the right to make changes or improvements upon its products without imposing any obligations upon itself to install the same upon its products previously manufactured.

This warranty is in lieu of all other obligations or liabilities expressed or declared on the part of the company, and the company neither assumes, nor authorizes any other person to assume for them, other obligations or liability in connection with the sale of equipment manufactured by **McPherson**.